

Amendments to the Claims:

1. (Original) A prism sheet having a concave pentagonal structure, the prism sheet comprising:

a base layer; and

a prism array disposed on and supported by the base layer, the prism array consisting of a plurality of prisms aligned in parallel and one beside the other,

wherein the transversal cross-section of each prism has a shape of concave pentagon, which is symmetrical about a vertical line passing the apex, and

wherein the interior angle α of the apex is $30^\circ \leq \alpha \leq 120^\circ$, the exterior angle β formed by the upper slant side and the lower slant side is $\beta < 180^\circ$, the interior angle γ of the lower vertex formed by the lower slant side and the base is $5^\circ \leq \gamma \leq 85^\circ$, and the length w of the base is $30\mu\text{m} \leq w \leq 100\mu\text{m}$.

2. (Original) A prism sheet according to claim 1, wherein the interior angle α of the apex is $40^\circ \leq \alpha \leq 100^\circ$, the exterior angle β formed by the upper slant side and the lower slant side is $160^\circ \leq \beta \leq 179^\circ$, and the interior angle γ of the lower vertex formed by the lower slant side and the base is $30^\circ \leq \gamma \leq 60^\circ$.

3. (Currently Amended) A prism sheet according to claim 1 or 2, wherein the length w of the base is $40\mu\text{m} \leq w \leq 60\mu\text{m}$.

4. (Original) A prism sheet having a concave pentagonal structure, the prism sheet comprising:

a base layer; and

a prism array disposed on and supported by the base layer, the prism array consisting of a plurality of prisms aligned in parallel and one beside the other,

wherein the transversal cross-section of each prism has a shape of concave pentagon, which is symmetrical about a vertical line passing an apex, and

wherein the length w of the base is $15\mu\text{m} \leq w \leq 100\mu\text{m}$.

5. (Original) A prism sheet according to claim 4, wherein the interior angle α of the apex is $30^\circ \leq \alpha \leq 120^\circ$, the exterior angle β formed by the upper slant side and the lower slant side is $\beta < 180^\circ$, and the interior angle γ of the lower vertex formed by the lower slant side and the base is $5^\circ \leq \gamma \leq 85^\circ$.

6. (Original) A Prism sheet according to claim 4, wherein the length w of the base is $50\mu\text{m}$, the height h from the base to the apex is $26\mu\text{m}$, and the interior angle γ of the lower vertex formed by the lower slant side and the base is 45° , and the interior angle of the apex is $60^\circ \leq \alpha \leq 87^\circ$.

7. (New) A prism sheet according to claim 2, wherein the length w of the base is $40\mu\text{m} \leq w \leq 60\mu\text{m}$.